

Replacement of ACR 2400 Control Board - P/N 579526

(Please refer to front view of the ACR to locate the Control Board)

1

Note!

You should have an USB stick (*FAT32 formatted & name-brand from reputable vendors tend to work best*) available with the corresponding software for the unit, as the new Control Board might not be loaded with any/correct software.

ITW GSE can issue/send you the software for the Control Board, please inform the serial number of the unit, as this is needed to send you the adequate software version/revision for this specific model.

2

Switch off the connected GPU, before you remove any covers / panels to replace the Control Board. Remember to switch off 50/60 Hz power (Q1) to the ACR after removing the front panel.



Notice!

To prevent PCB damage from electrostatic discharge, wear ESD wrist strap when servicing.

To access the Control Board, please remove the protective cover, located behind the front panel.

3

Control Board location (market with red box):

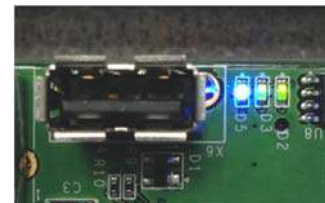


4

Take out the 4 screws marked with the red circles to remove the Control Board. Retain the screws for reinstallation.



**USB port and
blue LED (D5)**



<p>5</p>	<p>Fit the new Control Board and retro fit / tighten the 4 screws again.</p>
<p>6</p>	<p>A. Insert the USB stick with correct software. B. Switch on the ACR. C. The blue LED (D5) will then go out during update. D. When update is done the blue LED will flash in the following pattern: OFF for 0.2 sec. ON for 0.8 sec. E. Remove the USB stick. F. Switch the unit off and then on again. G. Software has now been updated successfully.</p> <p>Note! If the Blue LED is flashing in the pattern: OFF 0.5 sec. and ON 0.5 sec. then the software was not updated/uploaded successfully. Remove the USB stick, switch off the unit and then on again. You may have to repeat the procedure as described above. If software still not updated successfully, contact ITW GSE for further assistance.</p>
<p>7</p>	<p>Switch on the 400 Hz converter and check that all ACR functions are working correct.</p>
<p>8</p>	<p>The unit is now ready for use.</p> <p>Remember to reinstall the protective cover, before you close and secure the front door / panel.</p>